

05-23-01

**PATENT APPLICATION TRANSMITTAL LETTER**  
(Small Entity)

Docket No.  
5437.05

TO THE ASSISTANT COMMISSIONER FOR PATENTS

Transmitted herewith for filing under 35 U.S.C. 111 and 37 C.F.R. 1.53 is the patent application of:

**John A. Doherty; Charles A. Kalbfleisch**

For:

**APP AND SYSTFOR SYNCHRONIZED APp OF ONE OR MORE MATERIALS TO A SURFACE VEH...**

Enclosed are:

- ☒ Certificate of Mailing with Express Mail Mailing Label No. **EL856995132US**
- ☒ **10** sheets of drawings.
- ☐ A certified copy of a \_\_\_\_\_ application.
- ☒ Declaration ☒ Signed. ☐ Unsigned.
- ☐ Power of Attorney
- ☐ Information Disclosure Statement
- ☒ Preliminary Amendment
- ☐ \_\_\_\_\_ Verified Statement(s) to Establish Small Entity Status Under 37 C.F.R. 1.9 and 1.27.
- ☒ Other: **Application as previously filed; 10 sheets of formal drawings; 10 sheets of informal drawings;**

**CLAIMS AS FILED**

| For  | #Filed | #Allowed | #Extra | Rate      | Fee      |
|--|--------|----------|--------|-----------|----------|
| Total Claims   | 30     | - 20 =   | 10     | x \$9.00  | \$90.00  |
| Indep. Claims  | 6      | - 3 =    | 3      | x \$40.00 | \$120.00 |
| Multiple Dependent Claims (check if applicable) <input type="checkbox"/> |        |          |        |           | \$0.00   |
| BASIC FEE  |        |          |        |           | \$355.00 |
| TOTAL FILING FEE   |        |          |        |           | \$565.00 |

- ☒ A check in the amount of **\$565.00** to cover the filing fee is enclosed.
- ☐ The Commissioner is hereby authorized to charge and credit Deposit Account No. \_\_\_\_\_ as described below. A duplicate copy of this sheet is enclosed.
  - ☐ Charge the amount of \_\_\_\_\_ as filing fee.
  - ☐ Credit any overpayment.
  - ☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
  - ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

Dated: **May 21, 2001**

  
Signature

cc:

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**FEE TRANSMITTAL  
for FY 2001**

Patent fees are subject to annual revision.

**TOTAL AMOUNT OF PAYMENT**

(\$677.00)

**Complete if Known**

|                      |                     |
|----------------------|---------------------|
| Application Number   |                     |
| Filing Date          |                     |
| First Named Inventor | Michael Jay Schultz |
| Examiner Name        | TBA                 |
| Group Art Unit       | TBA                 |
| Attorney Docket No.  | 1142257-0003        |

09/862579

**METHOD OF PAYMENT**

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

|                        |              |
|------------------------|--------------|
| Deposit Account Number | 23-1703      |
| Deposit Account Name   | White & Case |

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17☒ Applicant claims small entity status. See 37 CFR 1.27

- 2.
- ☒
- Payment Enclosed:**

☒ Check ☐ Credit card ☐ Money Order ☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

| Large Entity Code (\$) | Small Entity Code (\$) | Fee Description        | Fee Paid |
|------------------------|------------------------|------------------------|----------|
| 101 710                | 201 355                | Utility filing fee     | 355      |
| 106 320                | 206 160                | Design filing fee      |          |
| 107 490                | 207 245                | Plant filing fee       |          |
| 108 710                | 208 355                | Reissue filing fee     |          |
| 114 150                | 214 75                 | Provisional filing fee |          |

**SUBTOTAL (1)** (\$ 355.00)**2. EXTRA CLAIM FEES**

| Total Claims | Extra Claims | Fee from below | Fee Paid |
|--------------|--------------|----------------|----------|
| 23           | -20** = 3    | 9              | 27       |
| 7            | -3** = 4     | 40             | 160      |
|              |              | 2              | 135      |

| Large Entity Code (\$) | Small Entity Code (\$) | Fee Description  |
|------------------------|------------------------|--|
| 103 18                 | 203 9                  | Claims in excess of 20                                     |
| 102 80                 | 202 40                 | Independent claims in excess of 3                          |
| 104 270                | 204 135                | Multiple dependent claim, if not paid                      |
| 109 80                 | 209 40                 | ** Reissue independent claims over original patent         |
| 110 18                 | 210 9                  | ** Reissue claims in excess of 20 and over original patent |

**SUBTOTAL (2)** (\$677.00)

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

| Large Entity Code (\$) | Small Entity Code (\$) | Fee Description  | Fee Paid |
|------------------------|------------------------|--|----------|
| 105 130                | 205 65                 | Surcharge - late filing fee or oath  |          |
| 127 50                 | 227 25                 | Surcharge - late provisional filing fee or cover sheet                     |          |
| 139 130                | 139 130                | Non-English specification  |          |
| 147 2,520              | 147 2,520              | For filing a request for <i>ex parte</i> reexamination                     |          |
| 112 920*               | 112 920*               | Requesting publication of SIR prior to Examiner action                     |          |
| 113 1,840*             | 113 1,840*             | Requesting publication of SIR after Examiner action                        |          |
| 115 110                | 215 55                 | Extension for reply within first month                                     |          |
| 116 390                | 216 195                | Extension for reply within second month                                    |          |
| 117 890                | 217 445                | Extension for reply within third month                                     |          |
| 118 1,390              | 218 695                | Extension for reply within fourth month                                    |          |
| 128 1,890              | 228 945                | Extension for reply within fifth month                                     |          |
| 119 310                | 219 155                | Notice of Appeal   |          |
| 120 310                | 220 155                | Filing a brief in support of an appeal                                     |          |
| 121 270                | 221 135                | Request for oral hearing   |          |
| 138 1,510              | 138 1,510              | Petition to institute a public use proceeding                              |          |
| 140 110                | 240 55                 | Petition to revive - unavoidable   |          |
| 141 1,240              | 241 620                | Petition to revive - unintentional   |          |
| 142 1,240              | 242 620                | Utility issue fee (or reissue)   |          |
| 143 440                | 243 220                | Design issue fee   |          |
| 144 600                | 244 300                | Plant issue fee  |          |
| 122 130                | 122 130                | Petitions to the Commissioner  |          |
| 123 50                 | 123 50                 | Processing fee under 37 CFR 1.17(q)  |          |
| 126 180                | 126 180                | Submission of Information Disclosure Stmt                                  |          |
| 581 40                 | 581 40                 | Recording each patent assignment per property (times number of properties) |          |
| 146 710                | 246 355                | Filing a submission after final rejection (37 CFR § 1.129(a))              |          |
| 149 710                | 249 355                | For each additional invention to be examined (37 CFR § 1.129(b))           |          |
| 179 710                | 279 355                | Request for Continued Examination (RCE)                                    |          |
| 169 900                | 169 900                | Request for expedited examination of a design application                  |          |

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)** (\$)**SUBMITTED BY**

Name (Print/Type) John M. Genova

Registration No. 32,224  
(Attorney/Agent)**Complete (if applicable)**

Telephone 212-819-8200

Signature

[Signature]

Date May 22, 2001

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

# UTILITY PATENT APPLICATION TRANSMITTAL

## (Small Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.  
5437.05

Total Pages in this Submission  
4

### TO THE ASSISTANT COMMISSIONER FOR PATENTS

Box Patent Application  
Washington, D.C. 20231

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

**APPARATUS AND SYSTEM FOR SYNCHRONIZED APPLICATION OF ONE OR MORE MATERIALS TO A SURFACE FROM A VEHICLE AND CONTROL OF A VEHICLE MOUNTED VARIABLE POSITION SNOW REMOVAL DEVICE**

and invented by:

John A. Doherty; Charles A. Kalbfleisch

If a CONTINUATION APPLICATION, check appropriate box and supply the requisite information:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: 09/643,154

Which is a:

☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP) of prior application No.: 08/783,556

Which is a:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: 08/660,232

Enclosed are: which is a CON of 08/879,921 filed 6/20/1997 (5,904,296); and claims benefit of 60/020,237 filed 6/21/1996; and claims benefit of 60/031,036 filed 11/18/1996

### Application Elements

1. ☒ Filing fee as calculated and transmitted as described below
2. ☒ Specification having 33 pages and including the following:
  - a. ☒ Descriptive Title of the Invention
  - b. ☒ Cross References to Related Applications (if applicable)
  - c. ☐ Statement Regarding Federally-sponsored Research/Development (if applicable)
  - d. ☐ Reference to Microfiche Appendix (if applicable)
  - e. ☒ Background of the Invention
  - f. ☒ Brief Summary of the Invention
  - g. ☒ Brief Description of the Drawings (if drawings filed)
  - h. ☒ Detailed Description
  - i. ☒ Claim(s) as Classified Below
  - j. ☒ Abstract of the Disclosure

**UTILITY PATENT APPLICATION TRANSMITTAL**  
**(Small Entity)**

*(Only for new nonprovisional applications under 37 CFR 1.53(b))*

Docket No.

5437.05

Total Pages in this Submission

4

**Application Elements (Continued)**

3. ☒ Drawing(s) *(when necessary as prescribed by 35 USC 113)*
- a. ☒ Formal      b. ☐ Informal      Number of Sheets 10
4. ☒ Oath or Declaration
- a. ☐ Newly executed *(original or copy)*      ☐ Unexecuted
- b. ☒ Copy from a prior application (37 CFR 1.63(d)) *(for continuation/divisional application only)*
- c. ☐ With Power of Attorney      ☐ Without Power of Attorney
- d. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application,  
see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5. ☒ Incorporation By Reference *(usable if Box 4b is checked)*  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under  
Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby  
incorporated by reference therein.
6. ☐ Computer Program in Microfiche
7. ☐ Genetic Sequence Submission *(if applicable, all must be included)*
- a. ☐ Paper Copy
- b. ☐ Computer Readable Copy
- c. ☐ Statement Verifying Identical Paper and Computer Readable Copy

**Accompanying Application Parts**

8. ☐ Assignment Papers *(cover sheet & documents)*
9. ☐ 37 CFR 3.73(b) Statement *(when there is an assignee)*
10. ☐ English Translation Document *(if applicable)*
11. ☐ Information Disclosure Statement/PTO-1449      ☐ Copies of IDS Citations
12. ☒ Preliminary Amendment
13. ☒ Acknowledgment postcard
14. ☒ Certificate of Mailing
- ☐ First Class      ☒ Express Mail *(Specify Label No.):* EL856995132US

**UTILITY PATENT APPLICATION TRANSMITTAL**  
**(Small Entity)**

*(Only for new nonprovisional applications under 37 CFR 1.53(b))*

Docket No.  
5437.05

Total Pages in this Submission  
4

**Accompanying Application Parts (Continued)**

15. ☐ Certified Copy of Priority Document(s) *(if foreign priority is claimed)*
16. ☐ Small Entity Statement(s) - Specify Number of Statements Submitted: \_\_\_\_\_
17. ☒ Additional Enclosures *(please identify below)*:

10 sheets of informal drawings as originally filed

**Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)**

18. ☒ Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.

**Warning**

***An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.***

**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**Applicant(s): **John A. Doherty; Charles A. Kalbfleisch**

Docket No.

5437.05

Serial No.

Filing Date  
May 21, 2001

Examiner

Group Art Unit

Invention: **APP AND SYST FOR SYCHRON APP OF ONE OR MORE MATERIALS TO A SURFACE FROM A VEH**

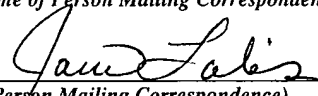
I hereby certify that this Continuation patent application and all supporting paperwork  
(Identify type of correspondence)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under  
37 CFR 1.10 in an envelope addressed to: The Commissioner of Patents and Trademarks, Washington, D.C.

20231-0001 on May 21, 2001  
(Date)

Jane Lalis

(Typed or Printed Name of Person Mailing Correspondence)

  
(Signature of Person Mailing Correspondence)EL 856 995 132 US

("Express Mail" Mailing Label Number)

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